**Assignment -1**

# HOME AUTOMATION

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| Student Name | D ANANTH |
| Student Roll Number | 720419106302 |
| Team ID | PNT2022TMID43525 |

**Question-1:** smart home automation designs provide an unprecedented level of comfort and convenience in Melbourne homes, delivering you a personalised and innovative room experience.

**Solution:**

#include<Servo.h> Servo myservo; int led=6; int pir=2; void setup()

{

Serial.begin(9600); pinMode(pir,INPUT);

pinMode(led,OUTPUT);

myservo.attach(9);

}

void loop()

{ int

val=digitalRead(pir); Serial.println(val); if(val==HIGH)

{

digitalWrite(led,HIGH);

myservo.write(70);

}

else

{

digitalWrite(led,LOW);

myservo.write(10);

}

}



